

ABSTRACT OF THE DISCLOSURE

5 A mobile routing device communicates over multiple wireless networks with a Host Network Server residing on a Local Area Network. The mobile routing device also communicates with at least one client device. The mobile routing device includes multiple router network adapters, each interfacing with one of the wireless networks to send and receive data from the wireless network. Each router network adapter having a gateway address, associated with the wireless network, that the Host Network Server uses to send data to the mobile routing device. The mobile routing device also includes at least one client router network adapter that interfaces with the at least one client device. Each client router network adapter is associated with an end point address that each Host Application uses to send data to the client device. Data is sent to the client device via the Host Network Server, via at least one of the wireless networks, and via the mobile routing device, using only the end point address. Consequently, a data sender is unaware of the wireless networks used to transport the data and the corresponding gateway addresses.